

10/532808

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 May 2004 (13.05.2004)

PCT

(10) International Publication Number
WO 2004/039233 A3

- (51) International Patent Classification⁷: **B23H 3/02**, G01N 27/26
- (21) International Application Number: PCT/IL2003/000893
- (22) International Filing Date: 30 October 2003 (30.10.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/422,483 31 October 2002 (31.10.2002) US
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- with international search report
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 24 June 2004
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR IN VIVO DETECTION OF H. PYLORI

(57) Abstract: A method and system for in vivo detection of H. pylori. The method according to one embodiment includes sensing pH in at least one location proximate to a patient's stomach mucus and transmitting by radio frequency pH data to an external receiving unit. The pH data may be part of an in vivo image.

WO 2004/039233 A3

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00893

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B23H 3/02; G01N 27/26
US CL : 204/228.6, 435

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 204/228.6, 435

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST, Medline, PALM

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,391,558 B1 (HENKENS et al.) 21 May 2002 (21.05.2002), entire reference for teaching of devices for detecting pH	1-29
Y	US 5,787,885 A (LEMELSON) 04 August 1998 (04.08.1998), entire reference for analysis of body fluids, including stomach pH.	1-29
X	US 5,657,759 A (ESSEN-MOLLER) 19 August 1997 (19.08.1997) entire reference for device to remotely assess the status of the stomach including pH (see summary in abstract).	1-29
Y	KELLY, DJ. The physiology and metabolism of the human gastric pathogen Helicobacter pylori. Adv. Microb. Physiol. 1998, Vol. 40, abstract, relied upon to show art accepted affect on stomach pH for a H. pylori infection.	1-29

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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- "&" document member of the same patent family

Date of the actual completion of the international search

14 April 2004 (14.04.2004)

Date of mailing of the international search report

20 MAY 2004

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